

Problem Set 10

1. Griffiths 9.19
2. Griffiths 9.20
3. Griffiths 9.21
4. Griffiths 11.3
5. Griffiths 11.4. You need calculate only the **time average** Poynting vector, intensity, and total power radiated (this is much simpler than computing the full time-dependent expressions).
6. Griffiths 11.9
7. Griffiths 11.14
8. Griffiths 11.21